

Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

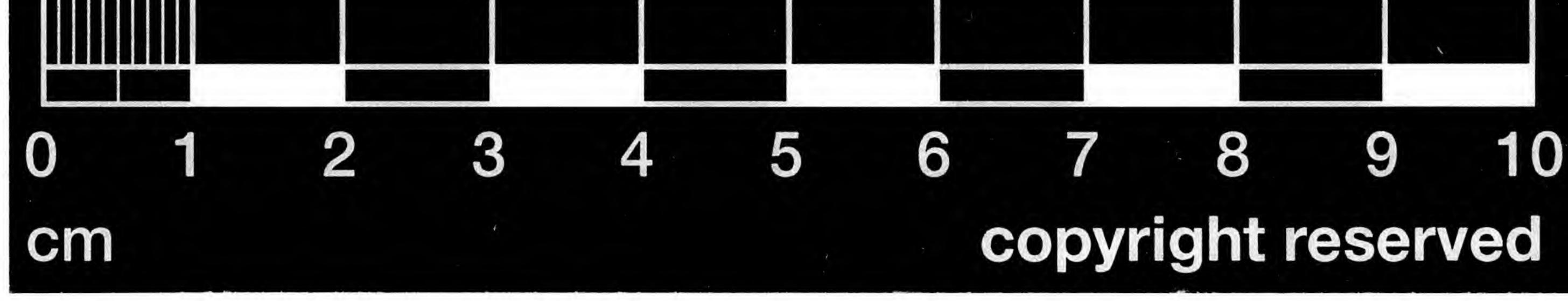
Jums undstate For i Am Ly- My. 1841/1928) pay . 248 tot 4 9. undette Zor - Mett Sils. voll 1. (1849)-p.8 pl. 3. (figur ned same er drovegs, hat evidently fashioned after it leur leaves and avora!), folis peremantita! Stattell has not sain it himself, is the text proves.



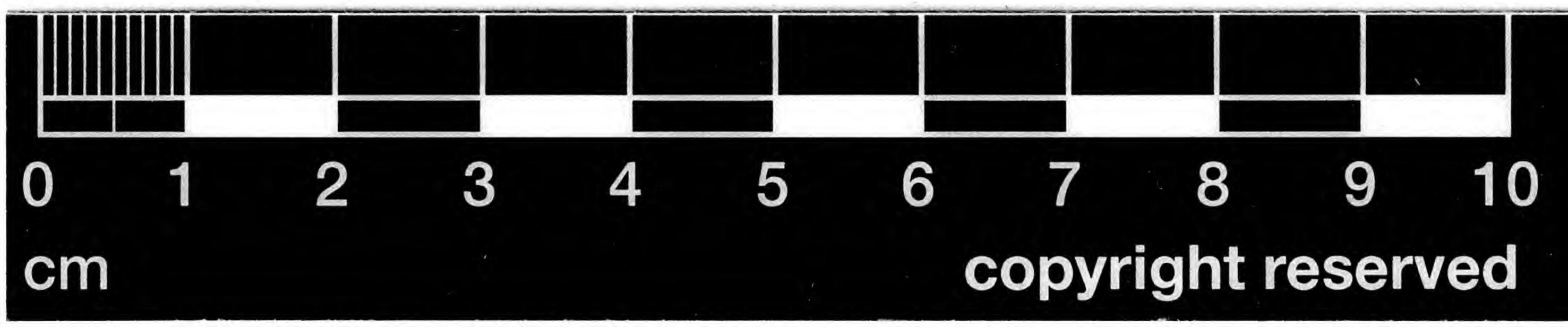
MISSOURI BOTANICAL GARDEW GEORGE ENGELMANN PAPERS post morten this afternoon Phthisis and NEcroses of Stermin Come out and make it the Clape - Hyon do not Come this

											NE N
0	1	2	3	4	5	6	7	8	9	10	MISSOURI
cm	copyright reserved								ved	BOTANICAL GARDEN	

BOTANIC GARDEN, CAMBRIDGE, MASS. within to him de Rong nature ind of deminder will the shrain happen the him I divin kan Wither time for your by answring The James specimens are two ripor the same shut, neither of which is neverted of the foliage, which is closely copied. Then on two acoms you this specimen, both badly shrunk, one 4 lines long, the other 6 long and 4 broad. The smaller branch has the leaves mon entire, with only 1-2, short teath men the aprix. It has two cups, o one acond. glues inplace, which is 7-8" long and lif I may so cale it in a depression as



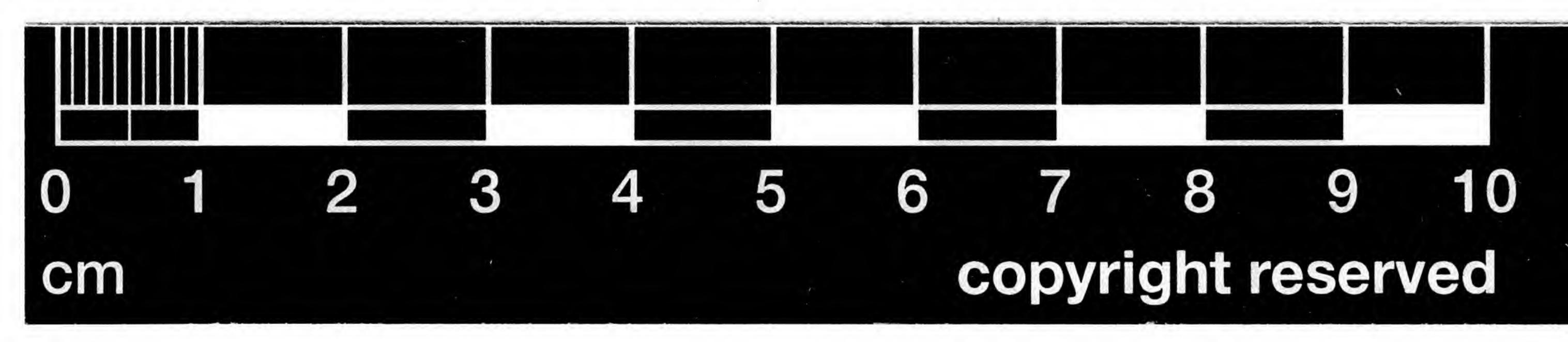
The last is the ordinary Grunisonii "form, all the other specimens of which are in the Gambelline I had an idea that f. Emorgi was probably the come as Bloggifori- and harran en non in Whales caralogue, just out p. 17. The note was written nearly two years yo. I have had the tony collection of wistern oaks her for some time with the lunger of doing the California spring in some shape for the Alora Calif," an neutral by pop. Brown, whom spramen are also here. There have been so many other things to attend to that I have down almost nothing with them echnically as the hurry respecting the Flore eccurs the own. You can of course so it but in



summit. Then is brever gand sown apart austin a corn, approvely the original of those forward, which is an inch long and will filled out. The tecker read Lucrens - n.jp. mudbliste Zor. Recember G. repairs Hunt o Bon Jel. - Kutt if 355. Longe l'Expendition a shouthy species alliest Rocky the !! Dr. Janus. about is added -"original specimen. The lange acom came with the other, but it is southful Whather is in now from another oak. In the same com an "gruncus - sam Prodo Rino, Uxas. Millow." 9. Emonji var. Painted Camp, Texas. Bigdow, 1850. " " var.? Grandaloupe Cañon, aug. 1852. "Ourse - chowing almost a transition from Q. Emoryi. Puerto de Pajame : Sept 4,1552 Zon. Camp noor the Camadian River, Sept. 3, 1853. Biplow." ha/125

0 1 2 3 4 5 6 7 8 9 10 cm copyright reserved

konnetin with your general revision, o I would pastly pois is one to you. Any informe tion than I can jur will be jurn with pleasure, and the spicimens. Themselves sent, with the proper prinssion. It you will midstake it, I will (i.e. The California oaks for The Flora) I will rehume the torry collection at once & ful relieved from any forther responsibility in the matter - + have the earisfaction of knowing that the work with be better some than I comed home with the but of luck to do it. Dr. Gray asks me to say that he would be very plat it you would consider the Gentain at your ony eathirt convenience, ar it is necessary that its elabris should devised soon. Yours vry mily berend Walson



9. wahlet Full. 305. 306

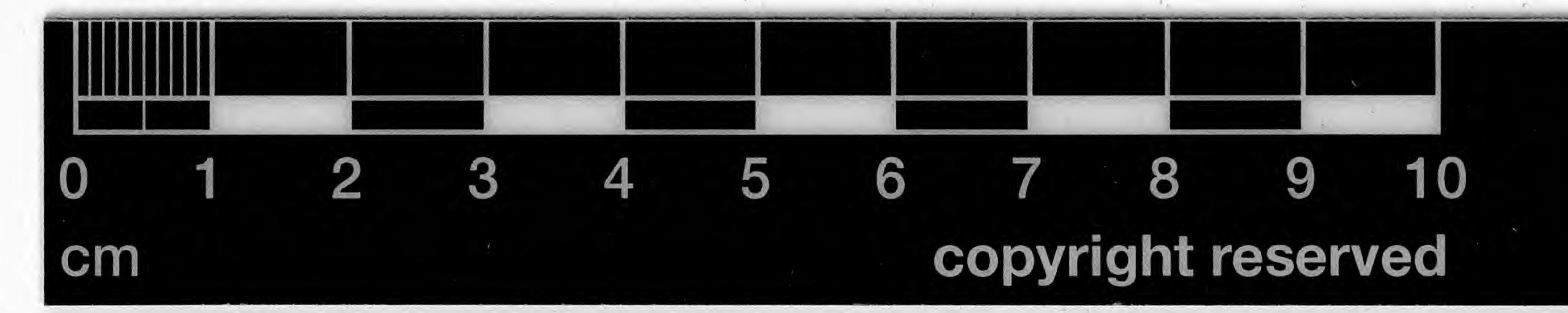
me oblinifeli Full. 308

9. Douglasii

J. Garalii

J. Neo Mexican Featl. 809. 1810, 810.





copyright reserved cm

I Wilson, no plants of northern Arijone Ar An Haterlist. VII. 302 1873 gum, and Set Tow von = S. Forden Lik form vilt large ble be ever i = 9 Guebeli Hutt & G. Douglas i ver heo Myron- St form with obstuse lakes in 9. letta Januario To form with laber lan diviriate, more oblong sinns namme deep i (9. oblissible van Hyrem Mit. a)ver utskeur is SC * this is a for of wearrange for Augen eensnan' region!

0 1 2 3 4 5 6 7 8 9 10 cm copyright reserved

Directions for Sending Insects.

All letters desiring information respecting noxious and other insects, should be accompanied by specimens, the more in number the better. Such specimens should always be packed along with a little cotton, wool, or some such substance, in a little paste-board box that is of convenient size, and never enclosed loose in a letter. Botanists like their specimens pressed flat as a pan-cake, but entomologists State Entomologists state do not. Whenever possible, larvæ (i. e. grubs, caterpillars, maggots, etc.) should be packed alive, in some tight tin box—the tighter the better, as air holes are not needed-along with a supply of their appropriate food sufficient to last them on their journey; otherwise they generally die on the road and shrivel up to nothing. Along with the specimens send as full an account as possible of the habits of the insect, respecting which you desire information; for example, what plant or plants it infests; whether S. E. COR. FIFTH AND OLIVE STREETS, it destroys the leaves, the buds, the twigs, or the stem; how long it has been known to you; what amount of damage it has done, etc. Such particulars are often not only of high scientific interest but of great practical importance.

Instructions for collecting, preserving and studying Insects sent by mail, post-paid, upon receipt of

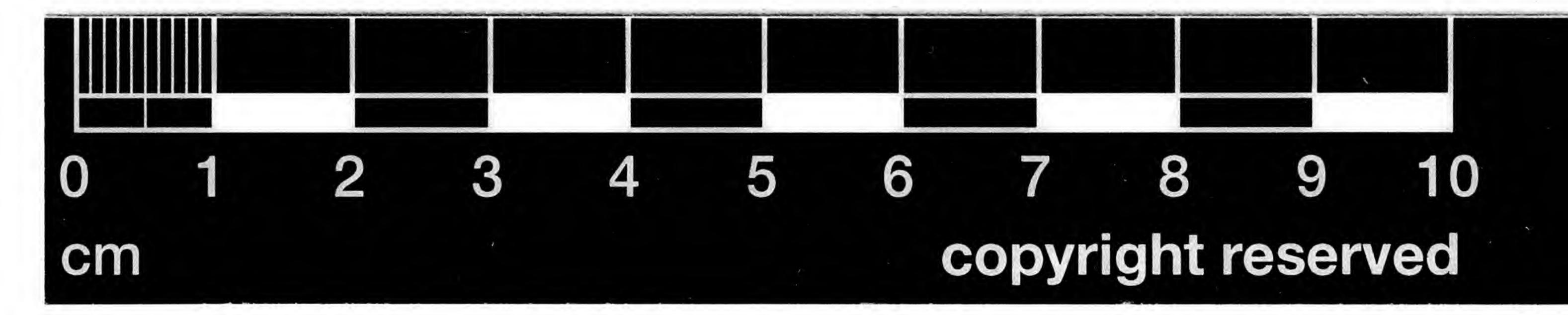
thirty-five cents.



ROOM 29 INSURANCE BUILDING,

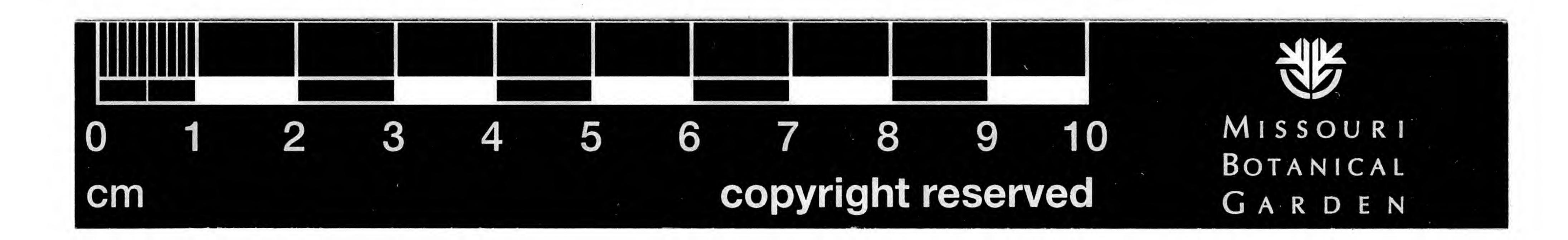
St. Louis,

MISSOURI BOTANICAL GARDENS GEORGE ENGELMANN PAPERS





Juenous Gambelii Matt M. Gamb Mit And. 9. Songlisi un gentili schafor in Sitger. 18.83, p. 127 tob 18 Junius alten B? Junisonii Tor Par A Sim. 2 Without 9. Dtellata var Utahensis, Dec. Port 16.2 p. 22 (18/4) 9. Douglasis var hovo-Mexima De it p. 24
at least as to the plant of Hall a Harbour 8200 515 file Walson q all G. gantle" is the form with broad laber, obtune a commente g. alla gamison is the form with entire name Con g. alla gamison is the form with entire name Con origing into wallet. the ants Intely form soullan Comer 9. montot. Im 1828 the spinulese. Inthe for with smillert Commission 1848 smillest long fruit



Richard Garvey & Co.

Successors to ASA W. SMITH & BRO.

BANKERS AND BROKERS,

No. 208 North Third Street,

St. Louis, October 19th, 1874,

You are herery invited to attend a meeting to be held at Pezolt's Hall 1304 Olive St., next Tuesday Evening at 7:30, for the purpose of organizing a Stock Company to run a line of Stage Coaches in the style of Wall Street, or Fulton Ferry lines of New York. The route proposed in this city as follows:

STARTING from THIRD and PINE W. to LEFFINGWELL AVE.

LEFFINGWELL AVE. N. . "LOCUST ST.

LOCUST STREET W. . "GARRISON AVE.

GARRISON AVE. N. LUCAS AVE.

LUCAS AVE.

W. COMPTON AVE.

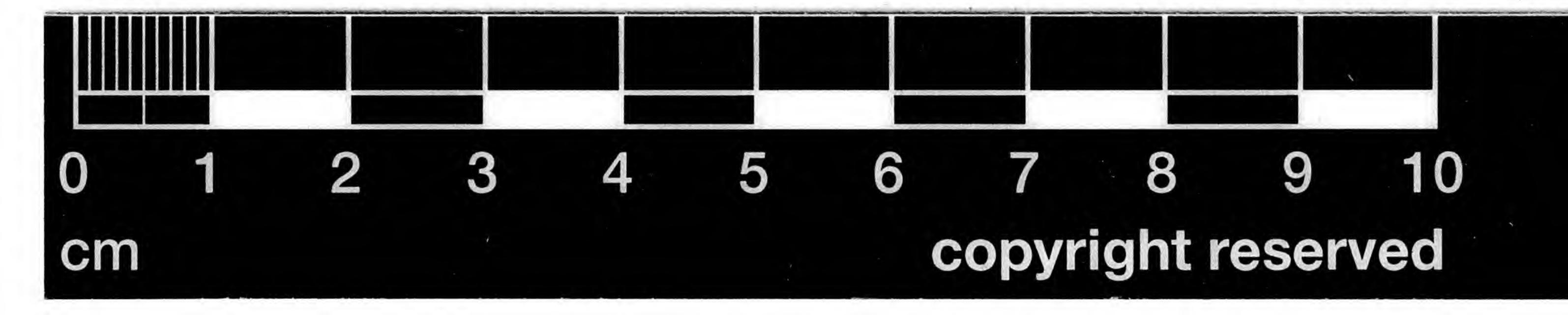
Returning via same route.

The meeting will be addressed by persons living on the route and desirous of better facilities for reaching the business portion of the city.

RICHARD GARVEY & CO.

208 N. Third St.

C. M. THORNBURGH.



querous alla p? quemisonii Tomy Par AM.

II. 136

q. alle van quemisoni Tom Watson Ost King.

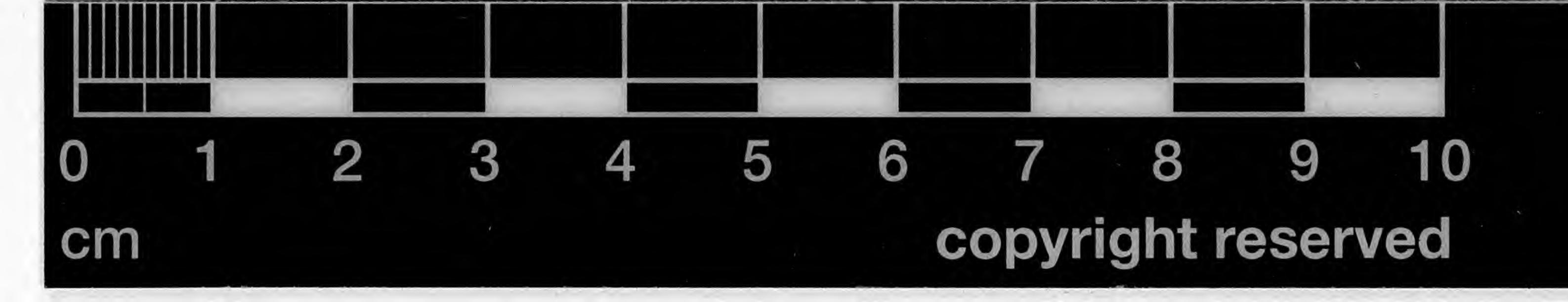
p. 321

q. stellet, van Makensii ABC. Ord 16.2. p. 22

file whom

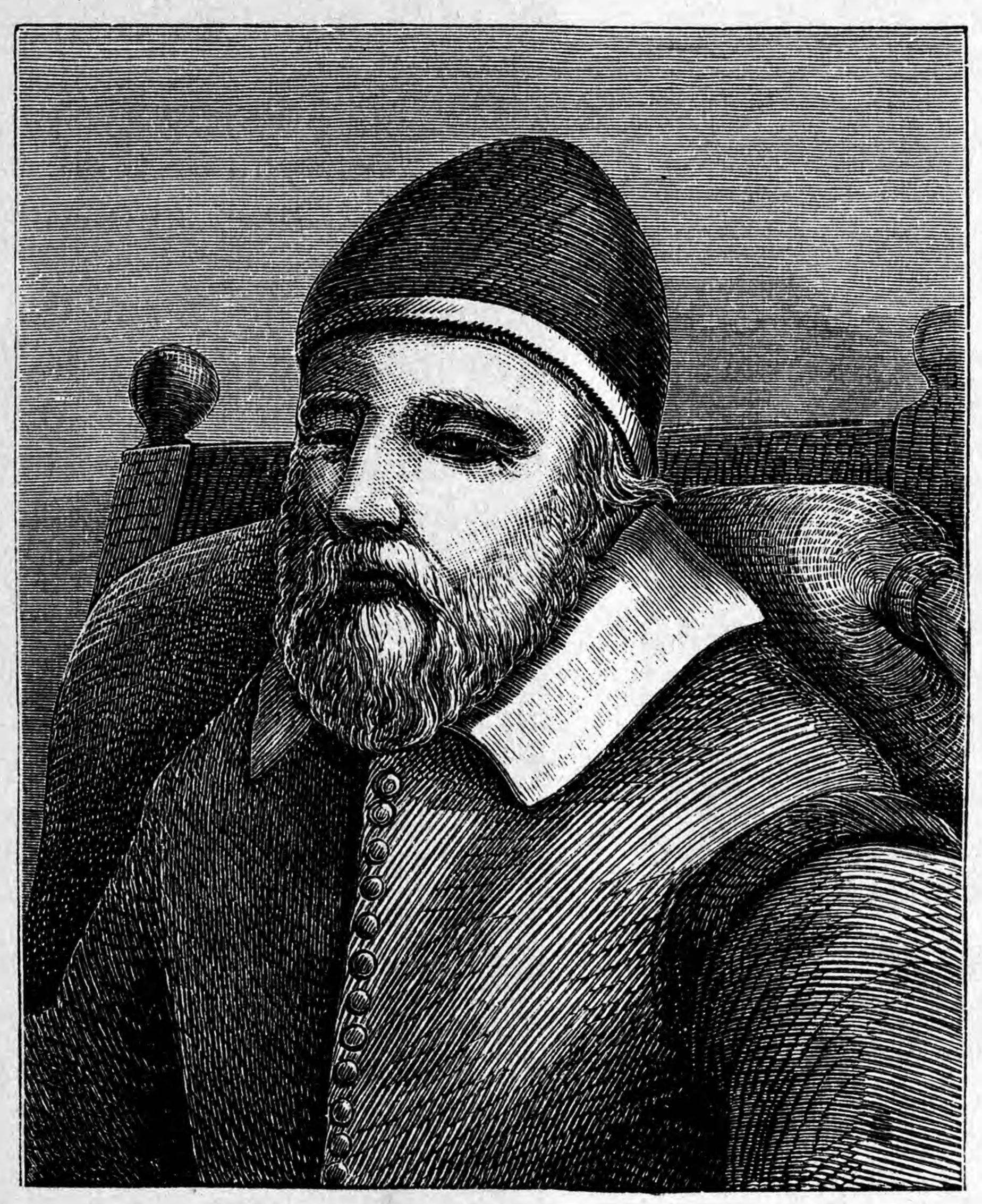
julearendit, belove albe a stellate filemely.

Contraction of the second seco





than quality; eat slowly, drinking at the close of the meal; eat of the most palatable dish first, and but one kind of meat. Atten- ter thickly spread with sugar; some frequently chewed citron bark, saffron, or



The Olde Old very Olde Mon or Thomas Par. the Some of Ichm Part of Winnington in the Partsh of Alberbury In the County of Shrop shire who Was Borne in 1483 in The Raigne-of King Edward the 4" and is now living in The Strond being aged 152 yeares and odd Monothes 1635

tion to diet, air, exercise, mental tranquillity, and not medicines, contribute to the preservation of health and the prolongation of life."

But our venerable friends themselves testify that the diet of old age ought in some degree to return to that of the early periods fancies, and in their garrulous testimony we | twelve couples had been married from 100 observe that one attributed rare merit to the 1 to 105 years, and another couple 110 years,

fact that he had eaten a newly laid egg daily for many years; another ate bread and but-

MAMORIANDA

opium; and yet others fought off the evil day by saturating themselves with tobacco or some similar narcotic. Even Lord Bacon discussed the merits of anointing with "that golden oyle, a medicine most marvelous to preserve men's health." But, by all authorities, honey has been esteemed the "juice of life," and carries far more merit than the fabled fountain of youth and beauty, which Ponce de Leon sought in vain. Many aged philosophers, and, among them, Democritus, Pythagoras, and Pliny, trace their length of days to the use of oil without and honey within. Two persons in modern times are mentioned as having lived to the ages of 108 and 116, who, during the last half century of their lives, for their breakfast took only a little tea, sweetened with honey.

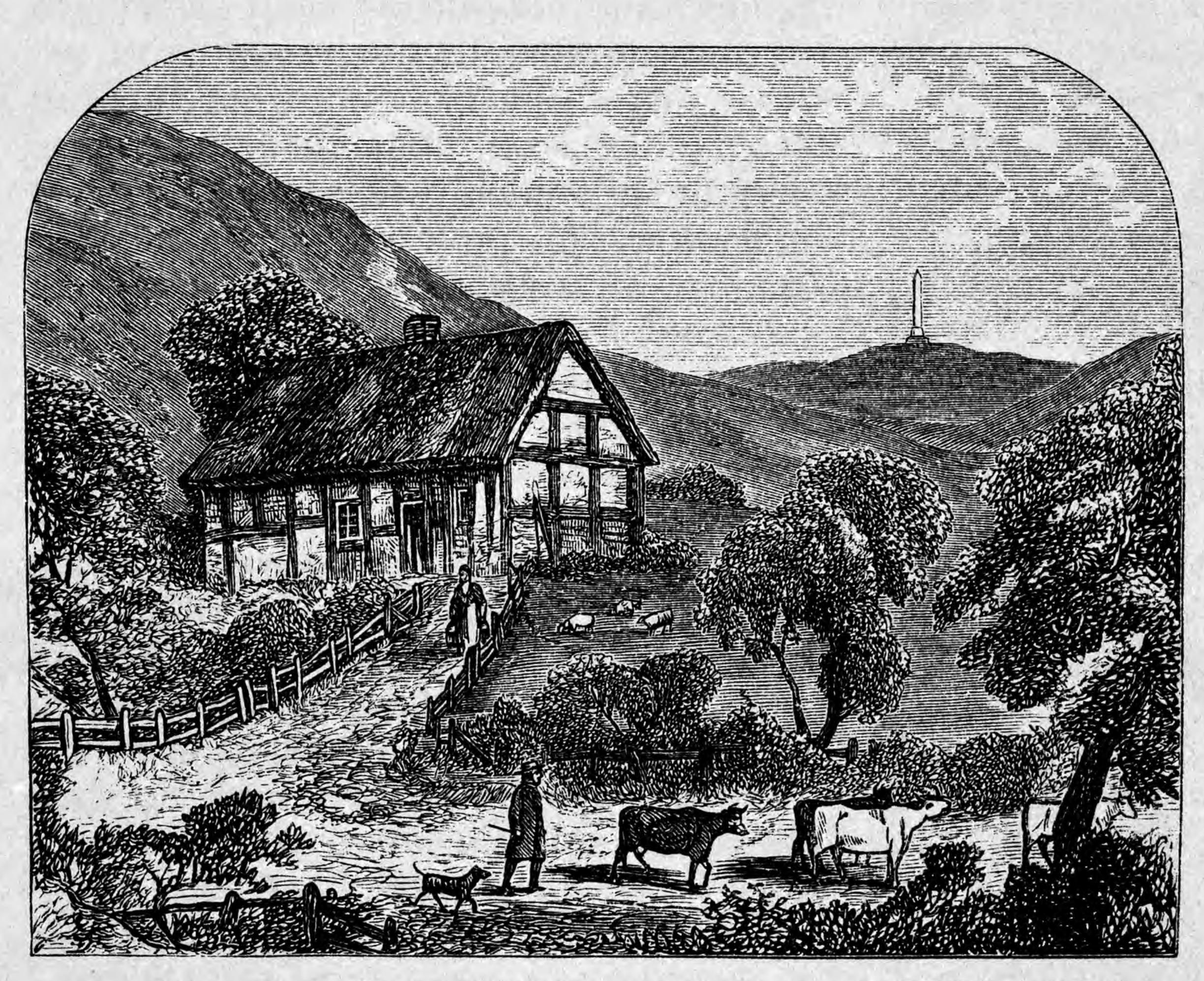
But where shall men dwell, and be able to find the five score years and beyond? What countries are supposed to be most favorable to longevity? This matter cannot satisfactorily be determined. Only a perfect system of statistics, kept for centuries, would disclose the secret. Tables have been published, but they cannot be verified. Lord Bacon, in his "History of Life and Death," quotes from Pliny the following lively statistics: "The year of our Lord seventy-six is

memorable; for, in that year there was a taxing of the people by Vespasian; from which it appears that in the part of Italy lying between the Appenines and the River Po, there were found fifty-four persons 100 of life—such as soups, liquid food, and years old; fifty-seven, 110 years; two, 120 materials of the most digestible character. years; four, 130 years; four, 135 years; They use but little beef or pork, tea or cof- and three, 140 years each." Now leave fee, butter or cheese. They commend as- sunny Italy and go to inclement Norway. paragus, potatoes, mutton, poultry, and fish. Travelers have there remarked the great John Wilson, who lived to be one hun- temperance, industry, and morality of the dred and sixteen, for forty years supped people, and their common food is found on roasted turnips. Fontenelle, the distin- to be milk, cheese, dried or salt fish, no guished scholar, who died in 1757, aged meat, and oat bread baked in cakes. An one hundred, used to say every spring, when | enumeration of the inhabitants of Aggerhus, attacked by the fever, "If I can only hold in Norway, in 1763, showed that one hunout until strawberries come in, I shall get | dred and fifty couples had been married well." These old folks suggest wine and over 80 years: consequently the greater malt liquors, for the reason that the vital number were aged 100 or more; seventy powers require an artificial stimulus. The couples had been married over 90 years, aged, are, however, often liable to ludicrous | which would place their ages at about 110;

Vol. XI.—3.



so that this last pair were doubtless 130 years old. The opinion has generally obtained that extreme age is to be looked for | the earth remaineth, seed time and harvest, in the wide open country, where the rich, and cold and heat, and summer and winter,



OLD PARR'S COTTAGE, NEAR ALBERBURY, SHROPSHIRE.

warm sunlight shines without restraint, rather than in the narrow, foul, and turbulent cities. Yet mark the two following cases. Mary Burke, aged 105, living in Drury Lane, London, and Anne Brestow, aged 102, liv- beyond that age, more men are found. A ing in Culbeck, in the North of England, died in 1789. A great contrast is here Prescott, of Sussex, England, who died in shown, for both attained great age, but one lived in squalid poverty in one of the of thirty-seven children. vilest haunts of London, while the other | We have frequently remarked that among * belonged to the Society of Friends, and abode in the healthy region of the Cumberland Lakes. The truth is that no law of | that, after many years of blindness, the sight sickness is so very distinctly pronounced as of some men has almost miraculously reto justify any discrimination on the ground turned, that the hearing of others is often of sojourning in city, town, or country. We are told that a moist is preferable to a dry atmosphere, and that a region in the neigh- have been shed and replaced by new, and borhood of a small stream, which runs over a rocky or pebbly bottom, is the best. But, | ural hair of youth. Sometimes the memory after all, may not the changing of the seasons be the chief cause of the difference back to the days of childhood, and yet not found among men? The inhabitants of retentive when applied to events occurring countries possessing too equable a tempera- in the advanced periods of life. As bearing ture are naturally disposed to indolence, and are easily led away by the attractions of pleasure. Excessive heat enervates the body, | the Venetians in that ancient and renowned and extreme cold renders it torpid. At- city, who died 1702, aged 113. He lived mospheric commotions, by stimulating both mind and body, make a person energetic and enterprising. It is those countries where frequent variations of the seasons are experi-

enced, that first enter upon the path of civilization—blessed boon of Heaven. "While

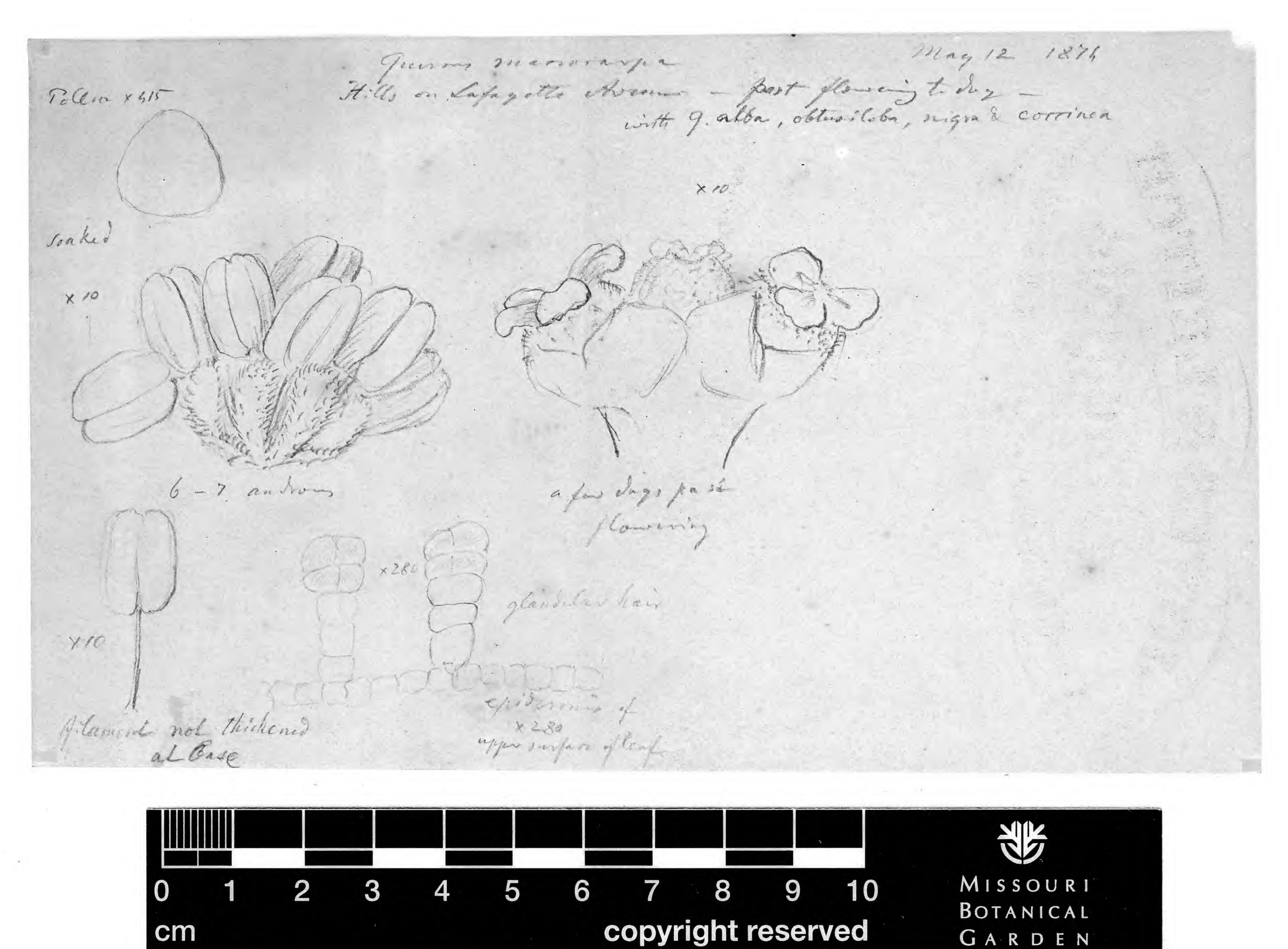
and day and night, shall

not cease."

The high longevity of females, as compared with males in civilized communities, is well established, notwithstanding many of them are of the poorer class, exposed through the early and middle portions of their lives to all the sorrows and dangers of maternity. This has been accounted for by their temperate living and more active habit of life. Hufeland, a Prussian authority, remarks: "Not only do women live longer than men, but married women longer than single, in the proportion of two to one." But, though the pliability of the female

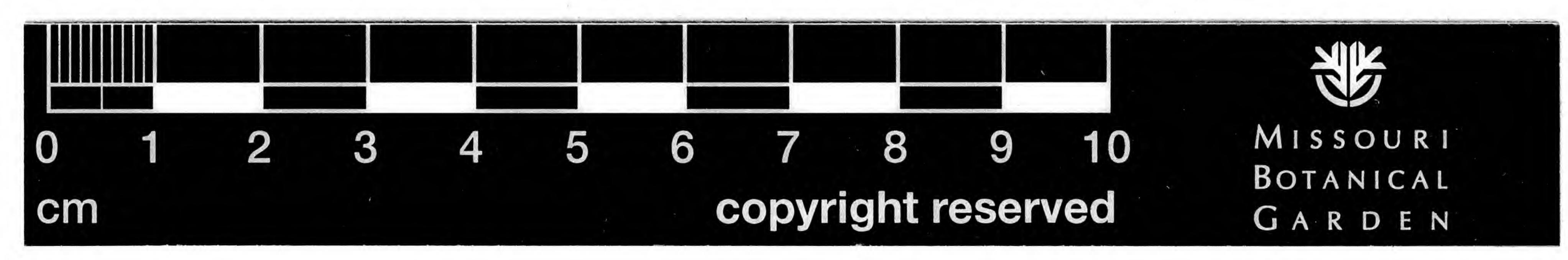
body gives it for a time more durability, yet, as strength is essential to very great length of days, few women attain the highest age. More women than men reach 115 years, but remarkable case of longevity is that of Mary 1768, aged 105, after having been the mother

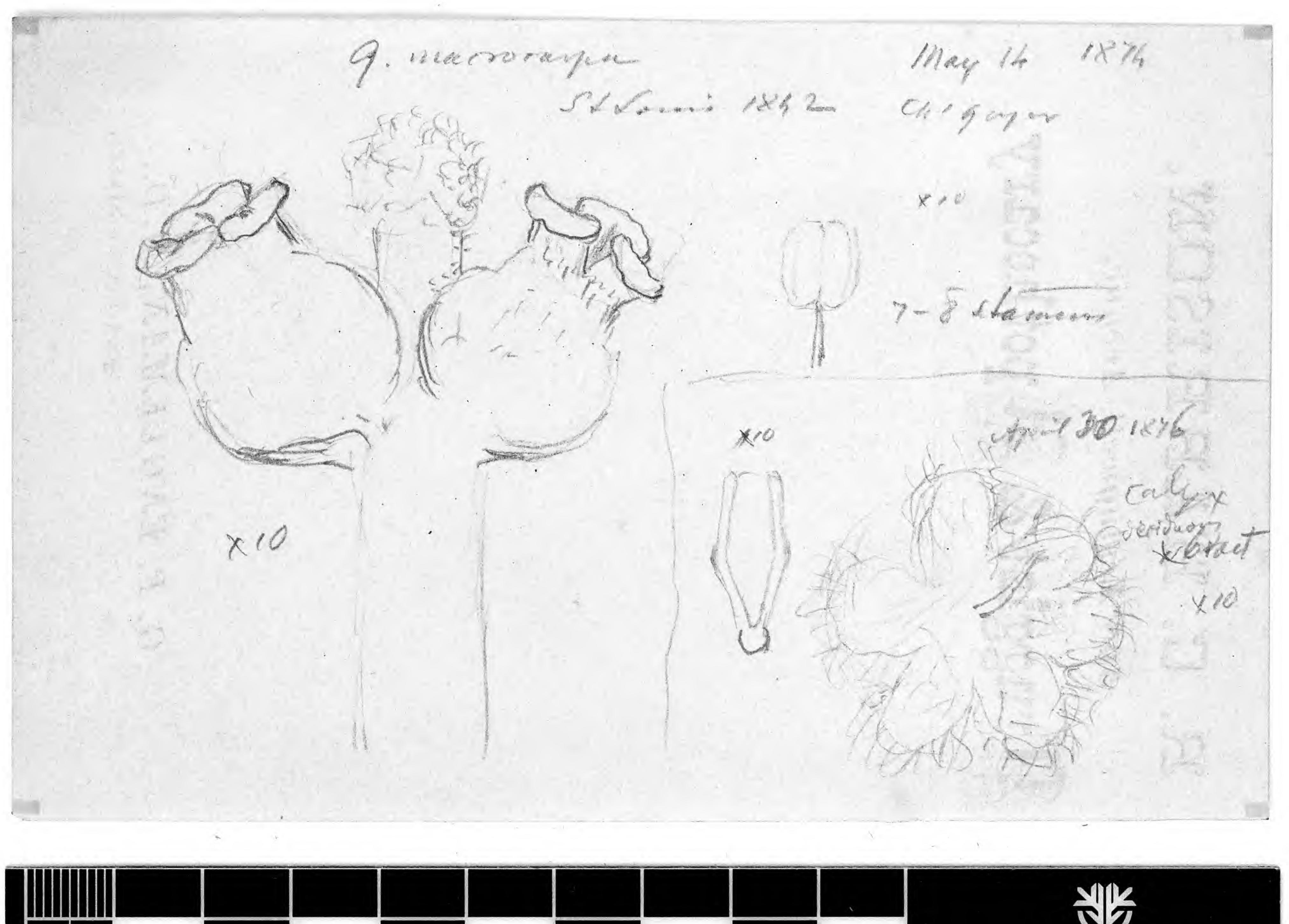
the extremely aged, the senses experience renewed vitality. It is placed on record very acute, that new teeth have been cut after the one hundredth birthday, that nails gray locks supplanted by the fine natof the aged will be acute when carried on this point, notice the case of Francis Hongo, a native of Smyrna, and Consul for toward the end of his life chiefly on broth, or some tender animal food, and drank no wine or other fermented liquid. He was never sick, walked eight miles as a regular





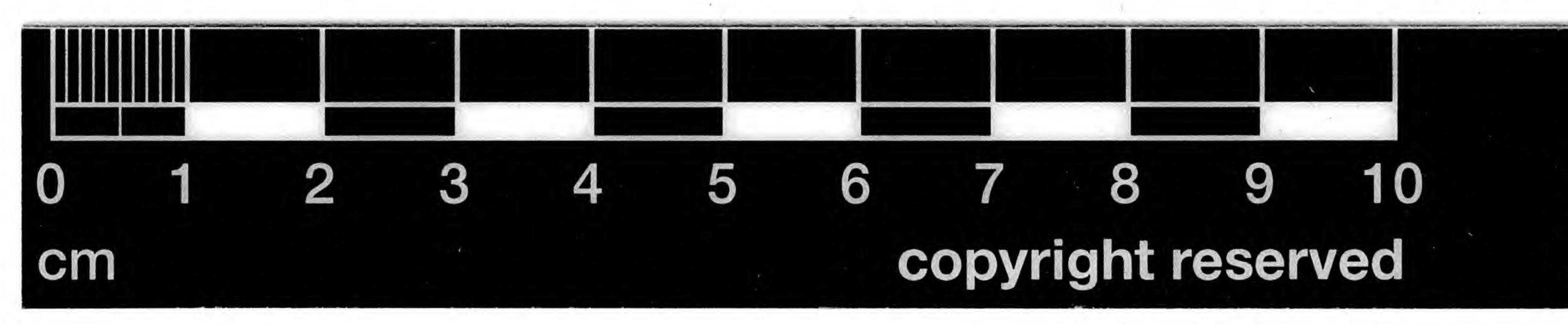
MISSOURI BOTANICAL GARDEN GEORGE ENGELMANN PAPERS



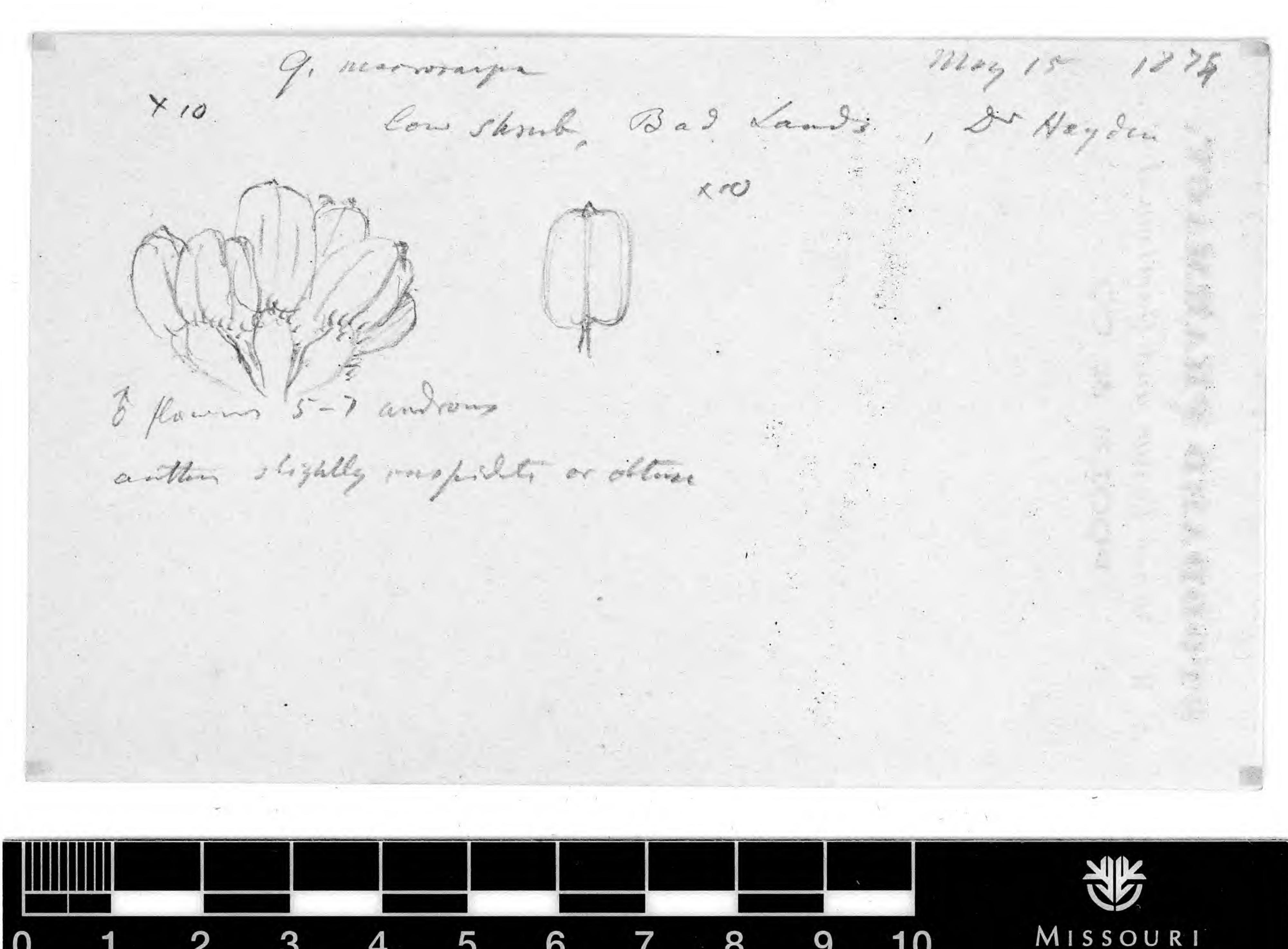




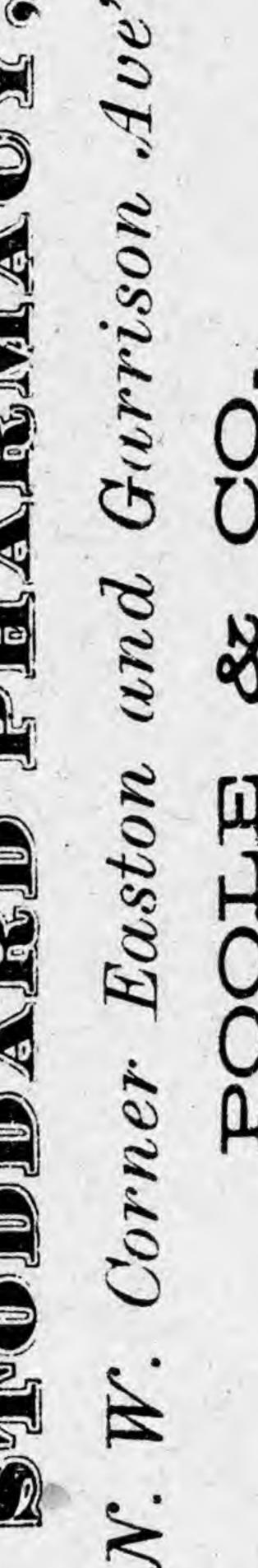
MISSOURI BOTANICAL GARDEN GEURGE ENGELMANN PAPERS G. F. ENGLEMAN, M.D., \mathcal{A}_{2003} Locust Stree



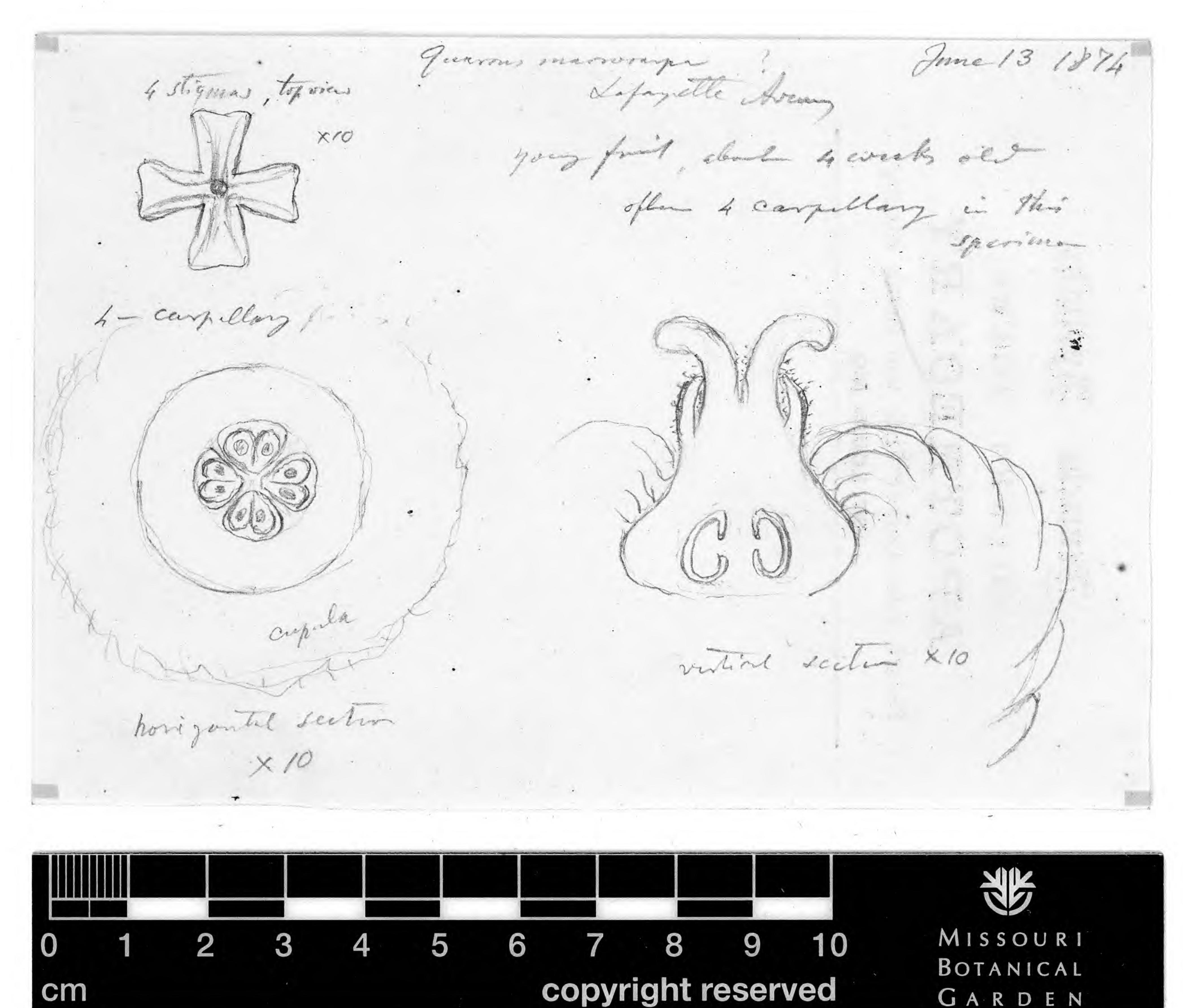












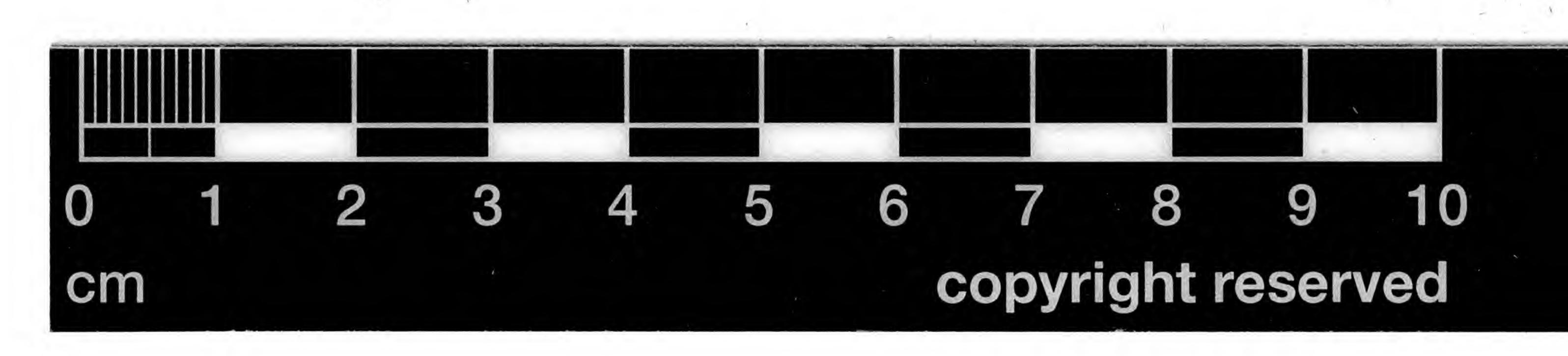
GARDEN

cm

Authalite Apoille.

HENRY DIERS.

A POLIECA RY



Resources of the Black Kill "(Klept Lulerion, 1876) the statement, of the occumen of Rimaerocuapa in small grows on the Eastware ? Frulz C E, Bersez.



